

### ABSTRACT

A shaping control method and apparatus performing a shaping for a large amount of connections with high accuracy, the apparatus including a theoretical transfer time calculator, a theoretical transfer time holding section, first and second time managing sections, a theoretical transfer time acquisition section, and a transfer determining section. The second time managing section holds information relating to connections in waiting transfer, by dividing into standardized time slots. A portion of connection information stored in the second time managing section is stored in the first time managing section. The information relating to connections in waiting is stored in the first time managing section or the second time managing section. Thereby, a shaping in stages for the same shaping subject and a shaping of a large amount of connections with high accuracy can be performed. Also, an optimum shaping for a plurality of shaping subjects different from each other can be realized.